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August 16, 1994
AO No. 94-OSS-04

Announcement of Opportunity

#95-020201

Investigation of the Mars Neutral Atmosphere for the Planet-B Orbiter Mission

Notices of Intent due: September 16, 1994

Proposals due: November 15, 1994

COMPLETED

OMB Approval No. 2700-0042

INVESTIGATION OF THE MARS NEUTRAL ATMOSPHERE FOR THE PLANET-B ORBITER MISSION

Announcement of Opportunity
Soliciting Proposals
for Basic Research in Space Science
for period ending
November 15, 1994

AO No. 94-OSS-04
Issued: August 16, 1994

Office of Space Science
National Aeronautics and Space Administration
Washington, DC 20546

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INVESTIGATION OF THE MARS NEUTRAL ATMOSPHERE FOR THE PLANET-B ORBITER MISSION

The National Aeronautics and Space Administration (NASA) announces the opportunity to propose a scientific investigation of the neutral atmosphere of Mars using a neutral mass spectrometer (NMS) aboard the Japanese Planet-B spacecraft. Planet-B is being developed by Japan's Institute for Space and Astronautical Science (ISAS). It is scheduled for launch in August 1998, for arrival at Mars in October 1999 to operate for two Earth years in a 150 km x 15 Mars radii (rm) orbit. The spacecraft will carry a complement of more than a dozen science instruments including the neutral mass spectrometer (NMS) which is solicited by this Announcement.

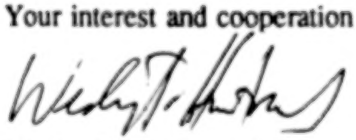
This Announcement of Opportunity (AO) solicits Principal Investigator (PI) proposals for a complete scientific investigation including provision of the NMS instrument. Proposals must be received at NASA Headquarters by November 15, 1994, in order to be considered for this opportunity. Additional schedule information is contained in Appendix A, Section 3.4.

Participation in this program is open to all categories of organizations, domestic or foreign, including educational institutions, for-profit and not-for-profit organizations, NASA centers, and other Government agencies. Proposals may be submitted at any time during the period ending November 15, 1994.

Further details relevant to this program are included in the appendices to this Announcement. In response to the increased awareness of ecological issues on the parts of both NASA and the scientific community, NASA will conserve paper and reduce waste by providing these appendices through anonymous file-transfer-protocol (ftp) from Internet host: nssdca.gsfc.nasa.gov. The command "ftp nssdca.gsfc.nasa.gov" should be used from the host machine. The user will then be prompted for a user name (use "anonymous") and a password (please use your "own host name"). ASCII, Postscript, and Microsoft Word files for the AO, all Appendices and required forms are located in the directory "hq-nras.planetb". In addition, a file named "readme" resides in this directory and gives detailed instructions on obtaining the necessary files electronically. Paper copies of the AO and appendices will be available at the address shown below only if the prospective proposer's institution lacks Internet access to ftp.

Identifier:	AO No. 94-OSS-04
Submit Proposal To:	*via mail:* Mr. Henry C. Brinton NMS Program Scientist Code SLC (Ref. AO No. 94-OSS-04) NASA Headquarters Washington, DC 20546-0001 USA *via express or courier:* Mr. Henry C. Brinton NMS Program Scientist Code SLC (Ref. AO No. 94-OSS-04) NASA Headquarters Receiving and Inspection 300 E Street, SW Washington, DC 20024-3210
Submit Proposals By:	November 15, 1994
Number Required:	15 copies
Selecting Official:	Associate Administrator for Space Science
Obtain Appendices Electronically via "anonymous ftp" from:	ftp nssdca.gsfc.nasa.gov
Obtain Additional Information From:	Mr. John Krehbiel Solar System Exploration Division Code SL NASA Headquarters Washington, DC 20546-0001 U.S.A. E-mail: jkrehbiel@sl.ms.ossa.hq.nasa.gov Telephone: (202) 358-0298

Your interest and cooperation in participating in this effort are appreciated.



Wesley T. Huntress, Jr.
Associate Administrator for
Space Science

Enclosure

List of Appendices and Attachments

Appendices are available electronically via anonymous ftp from ftp nssdca.gsfc.nasa.gov.

Appendix A: Description of the Opportunity

Appendix B: General Instructions and Provisions

Appendix C: Guidelines for Proposal Preparation

Appendix D: References

Appendix E: Certifications

Individuals without ftp access may obtain a copy of the AO and appendices through Mr. John Krehbiel at the address given on the previous page.

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NASA Research Announcement (NRA)/Announcement of Opportunity (AO) Mailing List Update

AO-94-OSS-04

If your current address is NOT up-to-date, please fill out this form completely.

This is the update form for the NASA Office of Space Sciences (OSS) NRA/AO mailing list. Please fill out CONTACT INFORMATION completely. Check only those that apply in Institution Type and Discipline. Fold the form, secure with tape, and mail it back to the address on the reverse side. Proper postage must be applied.

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